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29 October 1970

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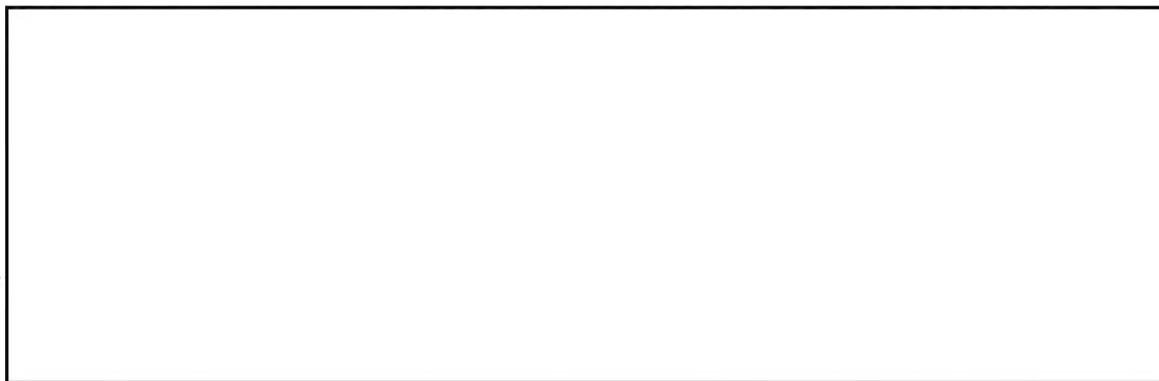
MEMORANDUM FOR THE RECORD

SUBJECT: [] Briefing at EXRAND

1. On 21 October 1970 representatives of [] briefed EXRAND concerning their development of "free radical" type photographic materials. They briefed on both reproduction and acquisition type materials. The purpose of this memo is to record my understanding of statements (which have been corroborated by [] concerning the [] acquisition speed material development, which I believe are significant enough to justify the attention of the exploitation community.

2. There were many statements made concerning the performance and the potential performance of their acquisition speed material. I intend to record only the summary data, since the significant potential impact to the exploitation community is clearly implied by them.

a. The performance objectives for the material regarding speed, sensitivity, storage, image permanence, emulsion adherence, distortion characteristics, etc. are predicted to be developable to suitable performance levels for satellite acquisition system requirements.



c. Dates for accomplishing all these levels of performance in a single [] acquisition speed material were predicted to be:

Declass Review by NIMA/DOD

GROUP 1
Excluded from automatic
downgrading and
declassification

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SUBJECT:

Briefing at EXRAND

(1) June 1971--consistent, demonstratable samples of laboratory coated materials.

(2) June 1972--capability for pilot plant coating of these materials in quantities required for operational testing.

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Special Assistant for Plans & Applications,

Distribution:

- Cy 1 - EXRAND
- 2 - NPIC/TSG
- 3 - NPIC/COMIREX Member
- 4 - NPIC/PPBS
- 5 - NPIC/IEG
- 6 - NPIC/PSG
- 7 - NPIC/TSG/RED
- 8 - NPIC/TSG/APSD
- 9 - NPIC/TSG/ESD
- 10 - NPIC/TSG/RED/RSB
- 11 - NPIC/TSG/RED/ATB
- 12 - NPIC/TSG/RED/SRB
- 13 - NPIC/TSG/RED/SDB
- 14 - NPIC/TSG/RED/SA

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